STATUS REPORT OF INIS OPERATIONS

APRIL 1996 – APRIL 1997
### Table of Contents

A. General Statistics  

B. INIS Section 1996 Financial Performance Report and 1997 Financial Plan  

C. Staff of the INIS Section (March 1997)  

D. INIS Input  

E. INIS Processing Support  

F. INIS Output Products  

G. Promotion, Information and Other Services  

H. OECD/NEA Computer Program Service to Non-OECD members through the IAEA: Report for 1996  

I. Training, TC Fellowship and Project Support  

J. INIS Computer Support  

K. Decisions and Recommendations of the 24th Consultative Meeting of INIS Liaison Officers 28-31 May 1996, Kyoto
## A. GENERAL STATISTICS

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
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<tr>
<td><strong>Membership</strong></td>
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<tr>
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<tr>
<td><strong>Centres submitting input</strong></td>
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<td>77 (67+10)</td>
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**Form of Input**

- Magnetic tape: 2, 2
- Diskettes: 41, 28
- Worksheets: 8, 3
- E-mail: 31, 38
- FTP: 8, 13

**Input and Processing Figures**

- Items received (volume year): 79,591, 85,250
- Items received (calendar year): 76,840, 82,772
- Items published (volume year): 79,021, 80,516
- Items published (calendar year): 79,400, 82,717

**Output Figures**

- Centres receiving INIS output tapes: 18, 14
- Subscriptions to INIS Atomindex (paid): 205, 161
- Subscriptions to INIS Atomindex (free): 238, 241
- Subscriptions to documents on microfiche: 28, 21

- Members using direct access to the Database at the IAEA (including the IAEA): 19, 18

**INIS on CD-ROM**

- Total paid subscriptions (current & lapsed): 151, 185
- Total paid subscriptions (current): 92, 101
- Total free subscriptions: 89, 96

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[1] Some centres submit input in more than one type of media.

[2] It should be noted that those figures, and those on pages 11-20, reflect the actual numbers of records published, i.e. they exclude deleted and changed records. The figures cited in INIS Information Letter No. 135 include such records and thus are somewhat higher.
### InIS Members represented

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<td>72</td>
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<td>38</td>
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<td>Advisory Committee for INIS</td>
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### Staff

**Approved posts in the INIS Section:**
- Professional staff | 17 | 17 |
- General Service staff | 26.5 | 26.5 |

### Budget

**In US $ millions - approved budget**
- (ROE for 1995: AS 10.03 = US$1) | 5.883 | 5.395 |
- (ROE for 1996: AS 10.47 = US$1) |

**In US $ millions - actual expenditure**
- (ROE for 1995: AS 10.03 = US$1) | 5.845 | 5.290 |
- (ROE for 1996: AS 10.47 = US$1) |
Countries and International Organizations participating in INIS

<table>
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<tr>
<th>Country</th>
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<td>Yun Soo Lim*</td>
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<td>C. Mongkulmann</td>
<td>P. Patumthong</td>
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* denotes that the Alternate LO's institute is not the same as the LO's institute
| The Former Yugoslav Rep. of Macedonia | M. Sejmenova-Gicevska |
| Tunisia | N. E. Hachicha |
| Turkey | O. Sahin Seckin |
| Uganda | F.T. Esiangu |
| UK | - |
| Ukraine | J. I. Pisanko |
| Uruguay | A. Rebellato |
| USA | R. Ch. Morgan |
| Uzbekistan | A. D. Avezov |
| Venezuela | J. A. Lozada |
| Viet Nam | Hoang Anh Nguyen |
| Yemen | M. S. Abdullah |
| Yugoslavia | N. Marinkovic |
| Zaire | N. Dikolela |
| Zambia | W. C. Mushipi |

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= 99 countries

= 17 international organizations
MEMBER STATES

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<th>Year</th>
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<tr>
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<tr>
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<td>China.</td>
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<td>1985</td>
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<td>1986</td>
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<td>DDR ceased, Sudan joined.</td>
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<td>Albania, AAEA.</td>
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<td>Bolivia, WMO.</td>
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<td>86 + 17</td>
<td>Nicaragua, Slovenia, Slovakia, Kenya, Ethiopia.</td>
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<td>Croatia, Lebanon and Lithuania joined, D.P.R.Korea withdrew.</td>
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<td>Armenia, Kazakhstan, Uzbekistan, Myanmar Estonia, Tunisia.</td>
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<td>1996</td>
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## OUTPUT TAPES SUPPLIED

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<td>Cuba and Greece added.</td>
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<td>Libya added; Finland cancelled.</td>
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<td>Bangladesh, China added.</td>
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<td>Turkey added.</td>
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<td>Libya, Switzerland cancelled.</td>
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<td>Viet Nam added.</td>
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<td>New Zealand, CERN, Turkey, Algeria and Viet Nam cancelled.</td>
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<td>Algeria added, DDR ceased.</td>
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<td>Bulgaria, Australia and Saudi Arabia cancelled.</td>
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<td>Argentina, Hungary, Iran, Iraq, Poland, Romania and Yugoslavia cancelled.</td>
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<td>Italy, Cuba, Greece, Israel and ICSTI cancelled, D.P.R. Korea added.</td>
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<td>1994</td>
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<td>D.P.R. Korea withdrew.</td>
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<td>South Africa, JINR cancelled.</td>
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<td>1996</td>
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<td>Austria, Sweden, and UK cancelled</td>
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INIS Correspondence Sent to INIS Liaison Officers in 1996

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<td><strong>INIS Technical Notes</strong></td>
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<td>1996-01-18</td>
<td>INIS Questionnaire for Maintenance of the Corporate Authority</td>
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<td>Updating INIS Liaison Officers’ Data in the Introduction for Vol. 28 of INIS Atomindex</td>
</tr>
<tr>
<td>119</td>
<td>1996-09-17</td>
<td>Update of List of Journals Regularly Scanned and Key Journals</td>
</tr>
<tr>
<td>120</td>
<td>1996-10-11</td>
<td>Non-Conventional Literature Data Production and Preparation - Barcodes</td>
</tr>
<tr>
<td>121</td>
<td>1996-12-03</td>
<td>List Server</td>
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<tr>
<td></td>
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<td><strong>INIS Information Letters</strong></td>
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<tr>
<td>120</td>
<td>1996-01-23</td>
<td>Free Distribution of COM Products</td>
</tr>
<tr>
<td>121</td>
<td>1996-01-31</td>
<td>Availability via FTP of Manual for Subject Analysis</td>
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<tr>
<td>122</td>
<td>1996-04-11</td>
<td>Announcement of Professional Vacancies in the INIS Section</td>
</tr>
<tr>
<td>123</td>
<td>1996-05-17</td>
<td>Article for the Electronic Library</td>
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<tr>
<td>125</td>
<td>1996-06-26</td>
<td>INIS FTP Service for the Distribution of INIS Atomindex Files</td>
</tr>
<tr>
<td>126</td>
<td>1996-07-02</td>
<td>Major Changes in the Terminology of the INIS Thesaurus</td>
</tr>
<tr>
<td>127</td>
<td>1996-07-15</td>
<td>Submission of Input via E-mail or FTP</td>
</tr>
<tr>
<td>128</td>
<td>1996-07-31</td>
<td>Review of New INIS Products</td>
</tr>
<tr>
<td>129</td>
<td>1996-08-02</td>
<td>Input to 1996 Periodic Report</td>
</tr>
<tr>
<td>130</td>
<td>1996-10-25</td>
<td>INIS Output Production Schedule 1997</td>
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<tr>
<td>131</td>
<td>1996-10-30</td>
<td>Future Production and Distribution of the INIS Database on CD-ROM</td>
</tr>
<tr>
<td>132</td>
<td>1996-11-12</td>
<td>INIS Home Page Live</td>
</tr>
<tr>
<td>133</td>
<td>1996-11-21</td>
<td>New INIS E-Mail Addresses</td>
</tr>
<tr>
<td>134</td>
<td>1996-11-28</td>
<td>2nd Joint ETDE/INIS Technical Committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Indexing News and Information Sheet</strong></td>
</tr>
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<td>10</td>
<td>Feb. 1996</td>
<td>Subject Category Selection</td>
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</table>
Revisions of the Reference Series Documents

<table>
<thead>
<tr>
<th>Ref.Series No.</th>
<th>Date</th>
<th>Subject</th>
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</thead>
<tbody>
<tr>
<td>2 (Rev.7)</td>
<td>Sep 96</td>
<td>Samples for Bibliographic Description</td>
</tr>
<tr>
<td>6 (Rev.27)</td>
<td>Jul 96</td>
<td>Authority List for Corporate Entries and Report Number Prefixes</td>
</tr>
<tr>
<td>11 (Rev.23)</td>
<td>Jun 96</td>
<td>Authority List for Journal Titles</td>
</tr>
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<td>12 (Rev.3)</td>
<td>Jan 96</td>
<td>Manual for Subject Analysis</td>
</tr>
<tr>
<td>13 (Rev. 35)</td>
<td>Jan 96</td>
<td>INIS Thesaurus</td>
</tr>
</tbody>
</table>
Input to INIS Database by Country

Volume 27 (1996) - Total No. of Records 80516

"OTHERS" INCLUDES ALL COUNTRIES WITH INPUT LESS THAN 1%
### Input to INIS Database

**conventional and non-conventional literature**


<table>
<thead>
<tr>
<th>Volume</th>
<th>Year</th>
<th>Total Number of Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>V. 11 (1980)</td>
<td>19505</td>
<td>76541</td>
</tr>
<tr>
<td>V. 12 (1981)</td>
<td>18731</td>
<td>70761</td>
</tr>
<tr>
<td>V. 13 (1982)</td>
<td>14202</td>
<td>72525</td>
</tr>
<tr>
<td>V. 14 (1983)</td>
<td>22356</td>
<td>91720</td>
</tr>
<tr>
<td>V. 15 (1984)</td>
<td>14948</td>
<td>73318</td>
</tr>
<tr>
<td>V. 16 (1985)</td>
<td>19801</td>
<td>86448</td>
</tr>
<tr>
<td>V. 17 (1986)</td>
<td>26526</td>
<td>90369</td>
</tr>
<tr>
<td>V. 18 (1987)</td>
<td>26807</td>
<td>100442</td>
</tr>
<tr>
<td>V. 19 (1988)</td>
<td>29479</td>
<td>106717</td>
</tr>
<tr>
<td>V. 20 (1989)</td>
<td>24666</td>
<td>86249</td>
</tr>
<tr>
<td>V. 21 (1990)</td>
<td>26032</td>
<td>95579</td>
</tr>
<tr>
<td>V. 22 (1991)</td>
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<td>91927</td>
</tr>
<tr>
<td>V. 23 (1992)</td>
<td>26936</td>
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</tr>
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<td>V. 24 (1993)</td>
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</tr>
<tr>
<td>V. 25 (1994)</td>
<td>26601</td>
<td>77084</td>
</tr>
<tr>
<td>V. 26 (1995)</td>
<td>27175</td>
<td>78986</td>
</tr>
<tr>
<td>V. 27 (1996)</td>
<td>26972</td>
<td>80516</td>
</tr>
</tbody>
</table>
Input to INIS Database received and published

V. 22 (1991)
- Items Received: 93,790
- Items Published: 91,927

V. 23 (1992)
- Items Received: 88,538
- Items Published: 88,956

V. 24 (1993)
- Items Received: 74,432
- Items Published: 76,560

V. 25 (1994)
- Items Received: 80,317
- Items Published: 77,084

V. 26 (1995)
- Items Received: 79,591
- Items Published: 78,986

V. 27 (1996)
- Items Received: 85,250
- Items Published: 80,516

ITEMS RECEIVED
ITEMS PUBLISHED
Input to INIS Database by Literature Type

VOLUME 27 (1996) - Total No. of Records 80516

- JOURNALS 52.4%
- BOOKS 14.1%
- PATENTS 1.1%
- REPORTS 21.6%
- MISCELLANEOUS 10.8%
Input to INIS Database by Subject Category
Volume 27 (1996) - Total No. of Records 80516

B - CHEMISTRY, MATERIALS AND EARTH SCIENCES
C - LIFE AND ENVIRONMENTAL SCIENCES
D - ISOTOPES, ISOTOPE AND RADIATION APPLICATIONS
E - ENGINEERING AND TECHNOLOGY
F - OTHER ASPECTS OF NUCLEAR AND NONNUCLEAR ENERGY
G - PHYSICS
Input to INIS Database by Subject Areas
Volume 27 (1996) - Total No. of Records 80516
Input to INIS Database by Subject Areas

Nuclear Power (E1, E2, E3, E4)
Radioactive Waste (E5)
Safeguards (F28, F4)
Isotopes (D)
Economic, Legal & Social (F1, F2, F3, F5, F6, excl. F28)
Life & Environmental Sciences (C)
Earth Sciences (B3)
Nuclear Materials (B2)
Chemistry (B1)
Research & Technology related to Fusion (G4, G5, G6)
Nuclear Physics (G3)
Elementary Particles (G1, G2)
Input to INIS Database by year of publication

Volume 27 (1996) - Total No. of Records 80516

* 20 records were entered with publication year before 1986
Atomindex Timeliness

Year of Publication in Each Announcement Year

### B. INIS SECTION 1996 FINANCIAL PERFORMANCE REPORT AND 1997 FINANCIAL PLAN

(1996 ROE: AS 10.30 = US$1)
(1997 ROE: AS 10.90 = US$1)

<table>
<thead>
<tr>
<th></th>
<th>1996 USS (Actual)</th>
<th>1997 USS (Plan)</th>
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<tr>
<td>Salaries - Established posts - P</td>
<td>1 186 067</td>
<td>1 323 400</td>
</tr>
<tr>
<td>Temporary Assistance - P</td>
<td>32 103</td>
<td>65 800</td>
</tr>
<tr>
<td>Salaries - Established Posts - GS, M&amp;O</td>
<td>1 239 218</td>
<td>1 265 400</td>
</tr>
<tr>
<td>Temporary Assistance - GS</td>
<td>16 175</td>
<td>17 200</td>
</tr>
<tr>
<td>Common Staff Costs</td>
<td>904 249</td>
<td>975 000</td>
</tr>
<tr>
<td>Overtime</td>
<td>2 194</td>
<td>2 400</td>
</tr>
<tr>
<td><strong>Sub-total: Staff Costs</strong></td>
<td><strong>3 380 006</strong></td>
<td><strong>3 649 200</strong></td>
</tr>
<tr>
<td>Travel - Staff</td>
<td>70 318</td>
<td>62 800</td>
</tr>
<tr>
<td>Travel - Non-staff</td>
<td>165 525</td>
<td>95 000</td>
</tr>
<tr>
<td><strong>Sub-Total: Travel Costs</strong></td>
<td><strong>235 843</strong></td>
<td><strong>157 800</strong></td>
</tr>
<tr>
<td>Interpretation Services</td>
<td>33 261</td>
<td>25 800</td>
</tr>
<tr>
<td>Representation and Hospitality</td>
<td>3 000</td>
<td>4000</td>
</tr>
<tr>
<td>Training</td>
<td>8 392</td>
<td>11 800</td>
</tr>
<tr>
<td>Equipment: Purchased</td>
<td>37 153</td>
<td>93 200</td>
</tr>
<tr>
<td>Supplies and Materials</td>
<td>77 469</td>
<td>81 800</td>
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<tr>
<td>General Operating Expenses</td>
<td>91 502</td>
<td>93 700</td>
</tr>
<tr>
<td>Contracts</td>
<td>417 644</td>
<td>207 500</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>39 055</td>
<td>38 200</td>
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<tr>
<td><strong>Sub-total: Other Direct Costs</strong></td>
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<td><strong>556 000</strong></td>
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<tr>
<td>Translation Services</td>
<td>45 600</td>
<td>39 400</td>
</tr>
<tr>
<td>Printing and Publishing Services</td>
<td>586 332</td>
<td>492 000</td>
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<tr>
<td>Data Processing Application Services</td>
<td>334 705</td>
<td>295 400</td>
</tr>
<tr>
<td><strong>Sub-Total: Shared Costs</strong></td>
<td><strong>966 637</strong></td>
<td><strong>826 800</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5 289 974</strong></td>
<td><strong>5 194 600</strong></td>
</tr>
</tbody>
</table>
D. **INIS INPUT**

D.1 **Volume of Input**

The total number of records announced in Atomindex volume 27 (1996) was 80,516.

A total of 77 Members sent input for volume 27 (1996) (78 for volume 26 (1995)). The following Members provided no input for the given calendar years:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>Uruguay</td>
<td>Albania</td>
<td>CEC</td>
<td>Albania</td>
</tr>
<tr>
<td>Chile</td>
<td>Venezuela</td>
<td>Bolivia</td>
<td>FAO</td>
<td>Argentina</td>
</tr>
<tr>
<td>Cameroon</td>
<td>Yugoslavia</td>
<td>Cameroon</td>
<td>ICRP</td>
<td>Bolivia</td>
</tr>
<tr>
<td>Colombia</td>
<td>Zaire</td>
<td>Colombia</td>
<td>IIASA</td>
<td>Cameroon</td>
</tr>
<tr>
<td>Ecuador</td>
<td>AAEA</td>
<td>Greece</td>
<td>OAU</td>
<td>Colombia</td>
</tr>
<tr>
<td>Greece</td>
<td>FAO</td>
<td>Kenya</td>
<td>UNIDO</td>
<td>Costa Rica</td>
</tr>
<tr>
<td>Guatemala</td>
<td>ICRP</td>
<td>Kuwait</td>
<td>WEC</td>
<td>Ecuador</td>
</tr>
<tr>
<td>D.P.R. Korea</td>
<td>ICSTI</td>
<td>Lebanon</td>
<td>WHO</td>
<td>Greece +</td>
</tr>
<tr>
<td>Kenya</td>
<td>IIASA</td>
<td>Libya</td>
<td>WMO</td>
<td>Guatemala</td>
</tr>
<tr>
<td>Kuwait</td>
<td>ISO</td>
<td>Madagascar</td>
<td>Iraq</td>
<td>FAO</td>
</tr>
<tr>
<td>Libya</td>
<td>OAU</td>
<td>Mali</td>
<td>Kenya</td>
<td>ICRP</td>
</tr>
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<td>WEC</td>
<td>Nicaragua</td>
<td>Kuwait</td>
<td>IIASA</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>WHO</td>
<td>Panama</td>
<td>Libya</td>
<td>ISO</td>
</tr>
<tr>
<td>Panama</td>
<td>WMO</td>
<td>Portugal</td>
<td>Madagascar</td>
<td>OAU</td>
</tr>
<tr>
<td>Portugal</td>
<td>UNIDO</td>
<td>Slovenia</td>
<td>Mali</td>
<td>UNIDO</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td></td>
<td>Sudan</td>
<td>Myanmar</td>
<td>WEC</td>
</tr>
<tr>
<td>S. Africa</td>
<td></td>
<td>Venezuela</td>
<td>Nicaragua</td>
<td>WEC</td>
</tr>
<tr>
<td>Sudan</td>
<td></td>
<td>Yugoslavia</td>
<td>Panama</td>
<td></td>
</tr>
<tr>
<td>Turkey</td>
<td></td>
<td>Zaire</td>
<td>Portugal</td>
<td></td>
</tr>
</tbody>
</table>

* New Members are not included in the year in which they joined INIS.
+ Greece sent a test input in 1996 but the final version was not received until 1997.

The INIS Secretariat made a comprehensive effort in 1996 to encourage Liaison Officers to participate more actively in INIS. Liaison Officers of 17 countries were contacted in July to remind them that they had not sent any input since the beginning of 1996. As a result of this activity 10 of these countries did send input.
Also in July, letters were sent to the Missions of eight countries whose input had
decreased considerably during 1991-95 to enquire about the reasons and to offer assistance. As a

In August, three Liaison Officers of countries that had submitted no input since joining
INIS were contacted to remind them to fulfill their responsibility of sending input to INIS.
Unfortunately, no positive response was achieved as a result of these letters.

In December, letters were sent to the Missions of a further ten countries who had not
submitted any input either since joining INIS or for the past at least two years, drawing their
attention to the revised arrangements for INIS membership requiring their cooperation to
revitalize their country's participation in INIS.

D.2 Non-Conventional Literature on Microfiche

In 1996, INIS received 26,971 reports of non-conventional literature which were
disseminated on 11,610 microfiche titles (16,273 microfiches). The following table contains
figures for the past five years, indicating documents processed by the Secretariat and those
received from the US in microfiche form.

<table>
<thead>
<tr>
<th>Year</th>
<th>INIS Production</th>
<th>US Production</th>
<th>Total</th>
<th>Total</th>
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<tbody>
<tr>
<td></td>
<td>Docs</td>
<td>Fiche</td>
<td>RNs</td>
<td>Docs</td>
</tr>
<tr>
<td>1992</td>
<td>6306</td>
<td>8148</td>
<td>16273</td>
<td>6416</td>
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<td>5567</td>
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</tr>
<tr>
<td>1996</td>
<td>4792</td>
<td>5463</td>
<td>17900</td>
<td>6818</td>
</tr>
<tr>
<td>Aver</td>
<td>5417</td>
<td>7051</td>
<td>15681</td>
<td>6938</td>
</tr>
</tbody>
</table>

The above figures do not show any significant trends over the past five years. The
Secretariat continues to be grateful to INIS Members for their efforts in sending copies of the full
texts of non-conventional literature to the system. As of Atomindex Volume 28 issue 05, 355,600
documents of non-conventional literature are referenced in INIS, of which 316,445 are available
from the Clearinghouse.

D.3 Input Media

E-mail/FTP are the preferred media of input submission. Input was submitted via
e-mail/FTP by 51 Members, on diskette by 28 Members, on magnetic tape by 2 Members, and on
worksheets by 3 Members.

D.4 IAEA Input

In 1996, the INIS Secretariat prepared 2377 items of input from publications of the IAEA
and other UN organizations (in 1995, the figure was 2304).
D.5 **Input with FIBRE**

During 1996 FIBRE was used by 62 Members, six more than in the previous year. Some Members are using FIBRE for checking input only, but the majority are using FIBRE for input preparation and checking data.

**E. INPUT PROCESSING SUPPORT**

The development of the INIS Data Processing System (IDPS) was continued with full concentration on the second main part, the INIS Record Processing Subsystem (IRPS). Special attention was devoted to the architecture of the software processes that constitute the system and to the design of the user interfaces that support the work of the INIS Secretariat staff. The actual construction phase of the system started in 1997. The implementation of the IRPS with links to the Authorities Maintenance Subsystems is scheduled to take place mid-November 1997, starting with the first issue of the *INIS Atomindex*, volume 29.

The updated version of DOS-FIBRE 2.1 and WinFIBRE 1.0 were distributed to all registered recipients in June.

**E.1 Authorities**

**E.1.1 Maintenance of the Corporate Authority**

A draft proposal to simplify the rules governing the standardization of Corporate Entries and a proposal on the mechanisms/procedures for future decentralized maintenance of corporate entries was discussed at the 2nd Joint INIS/ETDE Technical Committee Meeting in Oak Ridge, TN, USA 28-30 October 1996. The full results of the discussions as reviewed and agreed upon by all participants were sent to the entire INIS membership as INIS Information Letter No. 134. The topic will be presented and discussed at the present meeting (see Agenda item 11).

**E.1.2 Corporate Entries and Report Prefixes, Journal Titles**

The 27th Revision of the Authority List for Corporate Entries and Report Number Prefixes (IAEA-INIS-6) and the Supplements containing 32,098 entries were published.

The 23rd Revision of the Authority List for Journal Titles (IAEA-INIS-11) and the Supplements containing 11,745 titles were published.

**E.1.3 INIS Thesaurus**

Revision 36 of the Thesaurus, printed in January 1997, contains 19,177 accepted terms (descriptors) and 6663 forbidden terms (non-descriptors). Since the publication of Revision 35, 633 accepted terms and 28 forbidden terms have been deleted or changed and 77 accepted terms and 462 forbidden terms have been added. The changes are in accordance with the recommendation of the twenty-fourth Consultative Meeting of INIS Liaison Officers that 'consideration should be given to reducing the number of accepted terms in the INIS Thesaurus
by deleting infrequently used terms. The deleted terms had all been in the Thesaurus for a considerable period of time (generally since before 1980) but had rarely, if ever, been used to index literature reported to INIS. Terms that had never been used were deleted without being made into forbidden terms; terms that had been used at least once were made into forbidden terms with a scope note to indicate the period for which they were valid descriptors and with appropriate USE or SEE references to indicate how the concepts they represented should be treated.

Work also continued on the reconciliation of the INIS and ETDE Thesauruses. A number of contentious terms were resolved, either by deletion from the ETDE Thesaurus or by addition to the INIS Thesaurus. The vast majority of the terms used to index literature within the INIS scope are now common to both authorities and work on reconciling the two books has therefore ceased, in accordance with the Liaison Officers’ recommendations. Nevertheless, there remains close coordination between the Thesaurus Specialists of the two systems to ensure that future terminological changes are made consistently.

E.1.4 INIS Multilingual Dictionary

Since publication of the revised Multilingual Dictionary in 1995 there have been some significant changes to the Thesaurus terminology. A format for the exchange of the multilingual file has been developed and used to send recent terminological changes to the four national INIS centres responsible for the translations (the centres of France, Germany, Spain and the Russian Federation). These centres have all agreed to supply translations of the new terminology. When all the translations are received they will be made available to INIS Members via FTP.

E.1.5 Subject Categories and Scope Descriptions

The INIS Secretariat prepared a set of proposals for revision 8 of IAEA-INIS-3 with the main objective of reducing the hierarchy of the categorization scheme from five to three levels. The proposals were presented and discussed at the 2nd Joint INIS/ETDE Technical Committee Meeting held in October 1996 in Oak Ridge. Based on the recommendations made at this meeting and at the 24th Consultative Meeting of INIS Liaison Officers, a revision of IAEA-INIS-3 was prepared for the 25th Consultative Meeting of INIS Liaison Officers. The revision preserves the present structure of the categorization scheme until a common INIS/ETDE categorization scheme is adopted, but includes revisions of the scope definitions especially in problematic categories (see Agenda Item 12).

E.2 Database Quality Assurance

To assure the high quality of the common Database, the INIS Secretariat, acting on behalf of INIS Members, carefully considers the major quality aspects of input with regard to:

- Completeness of coverage
- Timeliness
- Consistency
- Subject analysis and bibliographic description
E.2.1 Completeness of Coverage

As a result of checks performed by the INIS Secretariat to identify items relevant to the INIS subject scope but not included in the INIS Database, 24 letters were sent to INIS Liaison Officers asking for submission of the missing publications. For a further discussion of the Secretariat’s efforts to improve coverage, see Agenda Item 13.

E.2.2 Timeliness

The following table gives an overview of the average time lag (in months) for the past six volumes by type of literature.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<td>Misc.</td>
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<td>16</td>
<td>17</td>
<td>18</td>
<td>17</td>
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<tr>
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<td>10</td>
<td>9</td>
<td>9</td>
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</tr>
</tbody>
</table>

*Includes more than 99% of total input

Time lag = date of inclusion in the database - publication date (in months)

Although the figures in the above table suggest that the timeliness of non-conventional literature (reports, patents and miscellaneous items) may be improving slightly, we can unfortunately find no evidence that the time lag for the inclusion of records to journal articles is decreasing. This is somewhat disappointing in view of the high importance attached to journal literature by Database users and of past discussions by the INIS Liaison Officers to identify ways to improve the timeliness of the reporting of journal items.

The following additional statistical figures were presented in the Production Statistics 1996, dated 1997-02-03 as INIS Information Letter No. 135:

- Time lag for records arranged by country
- Time lag for type of literature arranged by country
- Year of publication arranged by country
E.2.3 Consistency

Because of the high degree of decentralization, special efforts are devoted to the consistency of INIS and its Database. The INIS Secretariat therefore publishes and updates the Reference Series with twenty-three manuals on INIS rules, standards, guidelines, etc. The following manuals from the INIS Reference Series were revised, supplemented or updated during the reporting period.

- **IAEA-INIS-2(Rev.7)** INIS: Samples for Bibliographic Description was published and distributed in September 1996.
- **IAEA-INIS-6(Rev.27)** INIS: Authority List for Corporate Entries and Report Number Prefixes Supplements and the annual revision were published and distributed in 1996.
- **IAEA-INIS-11(Rev.23)** INIS: Authority List for Journal Titles Supplements and the annual revision were published and distributed in 1996.
- **IAEA-INIS-12(Rev.3)** Manual for Subject Analysis was published and distributed in January 1996
- **IAEA-INIS-13(Rev.35)** INIS Thesaurus was published and distributed in January 1996

E.2.4 Quality Check of Subject Analysis and Bibliographic Description

In 1996, 16,786 items of input were checked for quality of subject analysis and, if necessary, corrected by the Subject Specialists. The Expert System checked 78,124 input records and selected 9040 items as having a high probability of being incorrectly categorized or poorly indexed (or both). As a result of manual checks of these items by the Subject Specialists, 1183 were withdrawn (out of INIS scope), 5024 were changed and the remaining 2833 records entered into the Database unchanged. The main subject analysis problems identified on these input items by the Subject Specialists were communicated to the inputting centres in the form of Special Quality Checks or detailed tutorial letters. Special Quality Checks were also performed at the request of INIS inputting centres, as well as for the first input received from new inputting centres. A total of 16 Special Quality Checks and letters were sent to the inputting centres based on approximately 300 input items. The Bibliographic Control Unit carried out continuous checks on the bibliographic description of documents referenced in INIS. During 1996, letters or e-mails were sent to 26 INIS Members giving guidance on this aspect of input preparation.

F. OUTPUT PRODUCTS AND SERVICES

F.1 Printed INIS Atomindex

For 1996, the IAEA's Division of Publications reports 161 paid subscriptions and 241 free subscriptions (including those for IAEA staff) for the printed *INIS Atomindex*. These figures compare with 205 paid subscriptions and 238 free subscriptions for the previous year, 1995.
1997 is the last year in which the printed *INIS Atomindex* will be available. As recommended by the 9th Advisory Committee for INIS, publication of the printed product will cease as of January 1998.

F.2 INIS Online Services of the IAEA

The external online usage of the INIS Database in 1996 is compared below with that of recent years:

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of active external INIS Members</th>
<th>Connect hours</th>
<th>SDI executions</th>
<th>References supplied</th>
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</tr>
<tr>
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<td>22</td>
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<td>1995</td>
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</tr>
<tr>
<td>1996</td>
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</table>

The total connect hours of individual Members, including the IAEA, are given in Table 1, followed by the connect hours by modes of connection and the use of related services in Table 2. Charges for database services remained unchanged in 1996.

Access via the Web: in 1996 a sample database of about 3000 INIS references, using PLWeb retrieval software, was made available on the INIS Home Page for free access without registration. We hope, through this sample database, to give all people who access the INIS Home Page an insight into the entire online database, its contents and its usefulness. The INIS Home Page also gives a link to enable connection to the Agency mainframe, which simplifies the procedure for accessing the INIS database under STAIRS.

Partnership with ESA-IRS: the European Space Agency’s Information Retrieval Service (ESA-IRS) informed us that their commercial activities will be phased out at the end of 1997, at which time our co-operative agreement for the distributed database operation of INIS and AGRIS will cease. The INIS Database will continue to be available on the IAEA mainframe computer (possibly soon with an improved user interface - see Agenda Item 14) and via various commercial hosts.

Liaison Officers’ Reports: the INIS Liaison Officers are reminded that they may request a monthly summary report of the online access to INIS on the IAEA host made by users in their country or international organization, whether this access be by direct dial-up or through the ESA-IRS gateway. Where no report is received for a particular month, this is an indication that no access was made by the country that month. Similarly, annual summary reports are produced and sent every January to those Liaison Officers who receive the monthly reports.
<table>
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<tr>
<th>INIS Member</th>
<th>Region</th>
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<th>1995</th>
<th>1996</th>
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<td>EDIN</td>
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<tr>
<td>4 Canada</td>
<td>The Americas</td>
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<td>0.000</td>
<td>0.000</td>
</tr>
<tr>
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<td>1.148</td>
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<tr>
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<td>9 Hungary</td>
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<td>East Asia &amp; the Pacific</td>
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<tr>
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<th>1996</th>
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<td>4014.133</td>
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</table>

2. Denmark and Finland: 1996 usage was solely SDI-related, so no connect-time was incurred in that year.
3. USA: 1994–1996 usage was solely SDI-related, so no connect-time was incurred in those years.
Table 2. Modes of Access to the INIS/EDIN Databases on the IAEA Computer and Use of Related Services, 1994-1996.

<table>
<thead>
<tr>
<th>Modes of Access</th>
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<th>EDIN</th>
<th>Total</th>
<th>INIS</th>
<th>EDIN</th>
<th>Total</th>
<th>INIS</th>
<th>EDIN</th>
<th>Total</th>
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<td>0.000</td>
<td>0.124</td>
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<td>0</td>
<td>0</td>
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<td>Microfiched reports</td>
<td>228</td>
<td>0</td>
<td>228</td>
<td>187</td>
<td>0</td>
<td>187</td>
<td>165</td>
<td>0</td>
<td>165</td>
</tr>
</tbody>
</table>

**NOTE:** There is a slight discrepancy in the total connect hours for INIS between Tables 1 and 2, due to variations in the computing program.
F.3 Retrieval Service from the INIS Database for Non-registered End-users

The INIS Secretariat continues to offer a free ad-hoc retrieval service for staff of the VIC organizations and the Permanent Missions, for Fellows and Scientific Visitors at the IAEA, for organizers and participants of IAEA meetings, for UN organizations, for requesters in developing countries, and in response to readers who returned the Enquiry Service Form from the INIS Periodic Reports. In 1996, a total of 67 such searches were made.

Additionally, the INIS Secretariat continues to provide a free SDI service (automatic scanning of stored queries against every update of the database) for staff at the VIC. At the end of 1996, INIS staff members had 25 stored queries being processed on behalf of VIC staff.

F.4 INIS Database on CD-ROM: New Procedures for the Production and Distribution

The INIS Liaison Officers were informed in INIS Information Letter No. 131 of new procedures for the production and distribution of the Database on CD-ROM. These will be discussed under Agenda Item 6.

WinSPIRS Version 2.0 and the Quick Reference Guide were received in late April 1996 and dispatched to Member States and cooperating international organizations on 3 May 1996.

At the time of writing, 85 Member States and 11 international organizations are licensed to receive a free subscription to the INIS CD-ROM. On 19 December 1996, there were 101 current subscriptions to the INIS CD-ROM worldwide, and 185 total sales (current and lapsed). At the time of writing, a total of 65 requests from IAEA staff members for subscriptions have been received.

This is the first year where the Liaison Officers were asked to provide statistics on the usage of the INIS database on CD-ROM, which are reflected in Table 3. The Liaison Officers will be asked to provide such statistics every year.

F.5 INIS FTP Service for the Distribution of INIS Atomindex Files

At the end of June 1996, the INIS Secretariat established an FTP Service for the distribution of INIS Atomindex files via FTP. Since that date, ASCII files in the standard ISO-2709 format corresponding to the two latest INIS Atomindex issues are permanently available on the IAEA’s FTP server. The information is updated twice per month according to the INIS output production schedule. To reduce transfer time, all files are compressed with PKZIP/UNZIP Utilities 2.04g, which are also available on the server. INIS Liaison Officers were provided with the necessary instructions for transferring the files from the server.

When a new INIS Atomindex file is put on the server, all INIS Liaison Officers who have provided us with their Internet address are informed of the availability of the new file. For those
Liaison Officers who have an Internet address but do not have the FTP facility, each INIS Atomindex file is sent as an attachment to an e-mail, at the same frequency of twice per month.

Special UNIX and DOS tools for the conversion of INIS Atomindex ISO-2709 files into FIBRE tag-text format were developed and put on the server.

At present the FTP service is being accessed by the following countries:

<table>
<thead>
<tr>
<th>INIS Members</th>
<th>Downloading frequency per month</th>
<th>Timespan of INIS data available</th>
<th>Connect hours</th>
<th>References displayed online</th>
<th>References printed or downloaded</th>
<th>Full text INIS NCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRANCE</td>
<td>twice</td>
<td>1972 to present</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>400</td>
</tr>
<tr>
<td>GERMANY</td>
<td>twice</td>
<td>1970 to present</td>
<td>873.41</td>
<td>57,425</td>
<td>23,430</td>
<td>500</td>
</tr>
<tr>
<td>IRAN</td>
<td>-</td>
<td>-</td>
<td>240</td>
<td>-</td>
<td>360</td>
<td>370</td>
</tr>
<tr>
<td>MEXICO</td>
<td>twice</td>
<td>1981 to present</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>230</td>
</tr>
<tr>
<td>USA</td>
<td>twice</td>
<td>1976 to present</td>
<td>2,082</td>
<td>452,687</td>
<td>19,601</td>
<td>-</td>
</tr>
</tbody>
</table>

Many other INIS Members have answered positively towards the FTP service, most of whom have plans to use it in the near future.

F.6 INIS Online and SDI Services provided by INIS Members from INIS Tapes/Cartridges

Following a recommendation of the 19th Consultative Meeting of INIS Liaison Officers, INIS Members provide statistics on the use of the INIS Database online on their national or regional hosts; these statistics are reproduced in the yearly Status Report of INIS Operations along with the INIS Secretariat’s statistics for the IAEA host. Table 4, in four parts, contains the statistics received from INIS Members for the year 1996.

The INIS Secretariat would appreciate the Liaison Officers’ preparing their statistics for sending to the INIS Secretariat every year in February. We will naturally continue to remind the Liaison Officers of this task at the beginning of each year.

The INIS Secretariat has recently contacted those centres that currently receive updates to the INIS Database on tapes suggesting that CD-ROMs be used instead of this medium in future.
TABLE 3 - 1996 STATISTICS ON THE USAGE OF THE INIS DATABASE ON CD-ROM

<table>
<thead>
<tr>
<th>Country Name/International Organization</th>
<th>Number of search requests handled</th>
<th>Number of operational SDI queries</th>
<th>Number of full text (INIS NCL) supplied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albania</td>
<td>355</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Argentina</td>
<td>4084</td>
<td>248</td>
<td>270</td>
</tr>
<tr>
<td>Armenia</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Austria</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Australia</td>
<td>200</td>
<td>56</td>
<td>500</td>
</tr>
<tr>
<td>Belarus</td>
<td>26</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>Brazil</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>38</td>
<td>0</td>
<td>75</td>
</tr>
<tr>
<td>Chile</td>
<td>62</td>
<td>0</td>
<td>22</td>
</tr>
<tr>
<td>China</td>
<td>166</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Croatia</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cuba</td>
<td>540</td>
<td>80</td>
<td>604</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>23</td>
<td>1,176</td>
<td>486</td>
</tr>
<tr>
<td>Estonia</td>
<td>9</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>60</td>
<td>150</td>
<td>0</td>
</tr>
<tr>
<td>Finland</td>
<td>30</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>France</td>
<td>471</td>
<td>456</td>
<td>400</td>
</tr>
<tr>
<td>Germany</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Greece</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hungary</td>
<td>174</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Iran</td>
<td>250</td>
<td>150</td>
<td>485</td>
</tr>
<tr>
<td>Ireland</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Japan</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Jordan</td>
<td>182</td>
<td>100</td>
<td>36</td>
</tr>
<tr>
<td>Kazakhstan</td>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lithuania</td>
<td>26</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>Macedonia</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Malaysia</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mexico</td>
<td>112</td>
<td>4,419</td>
<td>117</td>
</tr>
<tr>
<td>Morocco</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Netherlands</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pakistan</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Peru</td>
<td>630</td>
<td>110</td>
<td>23</td>
</tr>
<tr>
<td>Philippines</td>
<td>92</td>
<td>54</td>
<td>1</td>
</tr>
<tr>
<td>Poland</td>
<td>23</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Paraguay</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Singapore</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Slovak Republik</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>South Africa</td>
<td>16</td>
<td>152</td>
<td>36</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>150</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sudan</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sweden</td>
<td>0</td>
<td>248</td>
<td>129</td>
</tr>
<tr>
<td>Switzerland</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Syria</td>
<td>160</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>Thailand</td>
<td>42</td>
<td>15</td>
<td>56</td>
</tr>
<tr>
<td>Turkey</td>
<td>320</td>
<td>200</td>
<td>38</td>
</tr>
<tr>
<td>Ukraine</td>
<td>300</td>
<td>142</td>
<td>170</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>42</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Uruguay</td>
<td>32</td>
<td>66</td>
<td>4</td>
</tr>
<tr>
<td>United States of America</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>224</td>
<td>63</td>
<td>16</td>
</tr>
<tr>
<td>Vietnam</td>
<td>200</td>
<td>15</td>
<td>150</td>
</tr>
<tr>
<td>ICRP, United Kingdom</td>
<td>300</td>
<td>24</td>
<td>12</td>
</tr>
<tr>
<td>IINR, Moscow</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>OECD/NEA Data Bank</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>UNIDO</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>9,575</td>
<td>7,971</td>
<td>4,575</td>
</tr>
</tbody>
</table>

Notes: 1) Bold and italics figures are estimates provided by the ILO.
2) Countries with zero figures represent non-availability of statistics.
3) * # of References supplied: Morocco 7,600; Pakistan 36,600 (displayed online) and 18,300 (printed or downloaded)
Table 4 (Part 1) External Members’ Statistics on Usage made of the INIS Services they provided from IAEA/INIS Tapes or Cartridges in 1996.

<table>
<thead>
<tr>
<th>External INIS Member [and Host]</th>
<th>Timespan hosted or batch processing</th>
<th>Connect hours</th>
<th>References displayed online</th>
<th>References printed or downloaded</th>
<th>SDI executions</th>
<th>References printed or downloaded from SDI executions</th>
<th>Full text supplied</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Austria [OeFZ Seibersdorf]</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>2,294</td>
<td>17,000</td>
<td>---</td>
</tr>
<tr>
<td>2 Belgium [Belindis]</td>
<td>1987 through 1996</td>
<td>27,250</td>
<td>14,966</td>
<td>304</td>
<td>744</td>
<td>4,915</td>
<td>---</td>
</tr>
<tr>
<td>3 Brazil [CIN/CNEN]</td>
<td>1971 to present</td>
<td>360,000</td>
<td>figure unavailable</td>
<td>figure unavailable</td>
<td>19,872</td>
<td>498,000</td>
<td>3,900</td>
</tr>
<tr>
<td>4 Canada [CISTI]</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>834</td>
<td>40,340</td>
<td>---</td>
</tr>
<tr>
<td>5 China, PR [CNIC] (see Notes)</td>
<td>1993 to present</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>1,176</td>
<td>51,232</td>
<td>486</td>
</tr>
<tr>
<td>6 Czech Republic</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>400</td>
</tr>
<tr>
<td>7 France (see Notes)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 Germany [STN International]</td>
<td>May 1970 to present</td>
<td>873,410</td>
<td>57,425</td>
<td>23,430</td>
<td>2,424</td>
<td>incl in &quot;Refs print/downl&quot;</td>
<td>500</td>
</tr>
<tr>
<td>9 India [BARC]</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>2,400</td>
<td>45,000</td>
<td>---</td>
</tr>
<tr>
<td>10 Japan [JAERI]</td>
<td>1974 to present</td>
<td>2,768,000</td>
<td>&quot;Refs print/downl&quot;</td>
<td>416,050</td>
<td>2,592</td>
<td>99,367</td>
<td>---</td>
</tr>
<tr>
<td>11 Korea, Republic of [KAERI]</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>5,340</td>
<td>42,780</td>
<td>87</td>
</tr>
<tr>
<td>12 Mexico</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>4,416</td>
<td>11,514</td>
<td>230</td>
</tr>
<tr>
<td>13 Pakistan</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>2,040</td>
<td>91,800</td>
<td>918</td>
</tr>
<tr>
<td>14 Russia [Atominform]</td>
<td>1976 to present</td>
<td>170,000</td>
<td>45,544</td>
<td>20,501</td>
<td>---</td>
<td>---</td>
<td>221</td>
</tr>
<tr>
<td>15 Sweden [RIT]</td>
<td>batch</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>248</td>
<td>70,214</td>
<td>---</td>
</tr>
<tr>
<td>16 USA [DOE/OSTI, DIALOG, and STN International]</td>
<td>1976 to present</td>
<td>3,082,000</td>
<td>452,687</td>
<td>19,601</td>
<td>4,056</td>
<td>incl in &quot;Refs print/downl&quot;</td>
<td>---</td>
</tr>
</tbody>
</table>

**TOTALS**

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7,280,660</td>
<td>570,622</td>
<td>479,886</td>
<td>48,436</td>
<td>972,162</td>
<td>6,742</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

1. AUSTRIA: the tapes were used until the introduction of the INIS FTP Service in mid-1996, after which the INIS data were downloaded from the IAEA’s FTP server.
2. CHINA, PR: CNIC provides online search services for 22 remote terminals through telephone links; no statistics maintained.
3. FRANCE: the tapes were used until the introduction of the INIS FTP Service in mid-1996, after which the INIS data were downloaded from the IAEA’s FTP server. CEA-Saclay uses the INIS data to extract references to the microfiche they receive from INIS, to constitute a catalogue of their library holdings. (See also France’s FTP-usage statistics in Section F5.)
4. GERMANY: the number of connect hours is based on the online usage of the INIS database and the percentage of INIS information in the total ENERGY database. Statistics include non-German usage: see Parts 2 and 3 for a breakdown.
5. INDIA: the numbers of full text supplied are not relevant, as the full text of most of the INIS records is available in BARC’s library.
6. JAPAN: JAERI’s online service is available only to JAERI staff, whereas JAERI’s SDI service is also open to external users. The numbers of full text supplied are not available, since no distinction is made between INIS and other microfiche. Statistics on the INIS usage on the host STN International in Japan are included in Germany’s statistics.
7. USA: statistics are based on the percentage of INIS information in the total EDB database and include non-US usage: see Part 4 for a breakdown. DOE/OSTI’s data on number of references displayed, references printed or downloaded, and SDI executions are not included due to unavailability. The 4,056 SDI execs are based on monthly average of 338 execs x 12 months.

No statistics related to the use of INIS tapes were received from Algeria or the UK.
### Table 4 (Part 2) from Germany: Breakdown by Country, Usage of INIS Database on STN International in 1996.

<table>
<thead>
<tr>
<th>Country</th>
<th>Connect hours</th>
<th>Online displays</th>
<th>Offline prints</th>
<th>SDI execs and prints</th>
<th>Online orders for full text</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Argentina</td>
<td>0.16</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2 Austria</td>
<td>2.76</td>
<td>36</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3 Belgium</td>
<td>26.89</td>
<td>4,281</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4 Canada</td>
<td>6.89</td>
<td>1,457</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5 Denmark</td>
<td>0.94</td>
<td>32</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6 Finland</td>
<td>5.71</td>
<td>380</td>
<td>271</td>
<td>48</td>
<td>164</td>
</tr>
<tr>
<td>7 France</td>
<td>83.59</td>
<td>10.992</td>
<td>7,577</td>
<td>319</td>
<td>168</td>
</tr>
<tr>
<td>8 Germany</td>
<td>185.73</td>
<td>25,329</td>
<td>8,666</td>
<td>1,648</td>
<td></td>
</tr>
<tr>
<td>9 Israel</td>
<td>0.02</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10 Italy</td>
<td>1.22</td>
<td>81</td>
<td>25</td>
<td>48</td>
<td>164</td>
</tr>
<tr>
<td>11 Japan</td>
<td>78.33</td>
<td>10,509</td>
<td>3,946</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>12 Netherlands</td>
<td>6.35</td>
<td>1,345</td>
<td>1,593</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>13 Norway</td>
<td>1.11</td>
<td>101</td>
<td>674</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>14 Portugal</td>
<td>0.61</td>
<td>55</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>15 Russia</td>
<td>1.29</td>
<td>129</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>16 Slovakia</td>
<td>1.21</td>
<td>135</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>17 Slovenia</td>
<td>0.22</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>18 South Africa</td>
<td>1.68</td>
<td>0</td>
<td>422</td>
<td>168</td>
<td></td>
</tr>
<tr>
<td>19 Sweden</td>
<td>4.64</td>
<td>220</td>
<td>16</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>20 Switzerland</td>
<td>5.68</td>
<td>458</td>
<td>46</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>21 UK</td>
<td>9.48</td>
<td>1,876</td>
<td>194</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>TOTALS</td>
<td>424.51</td>
<td>57,425</td>
<td>23,430</td>
<td>2,424</td>
<td>212</td>
</tr>
</tbody>
</table>

### Table 4 (Part 3) from Germany: Breakdown by Country of INIS Connect Hours in INIS and ENERGY Databases on STN International in 1996.

<table>
<thead>
<tr>
<th>Country</th>
<th>Connect hours in INIS</th>
<th>Connect hours in ENERGY</th>
<th>Total connect hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Argentina</td>
<td>0.16</td>
<td>0.00</td>
<td>0.16</td>
</tr>
<tr>
<td>2 Australia</td>
<td>0.00</td>
<td>1.67</td>
<td>1.67</td>
</tr>
<tr>
<td>3 Austria</td>
<td>2.76</td>
<td>0.00</td>
<td>2.76</td>
</tr>
<tr>
<td>4 Belgium</td>
<td>26.89</td>
<td>5.30</td>
<td>32.19</td>
</tr>
<tr>
<td>5 Brazil</td>
<td>0.00</td>
<td>0.58</td>
<td>0.58</td>
</tr>
<tr>
<td>6 Canada</td>
<td>6.89</td>
<td>1.09</td>
<td>7.98</td>
</tr>
<tr>
<td>7 Denmark</td>
<td>0.94</td>
<td>10.52</td>
<td>11.46</td>
</tr>
<tr>
<td>8 Finland</td>
<td>5.71</td>
<td>58.23</td>
<td>63.94</td>
</tr>
<tr>
<td>9 France</td>
<td>83.59</td>
<td>18.87</td>
<td>102.46</td>
</tr>
<tr>
<td>10 Germany</td>
<td>185.73</td>
<td>219.44</td>
<td>405.17</td>
</tr>
<tr>
<td>11 Israel</td>
<td>0.02</td>
<td>0.00</td>
<td>0.02</td>
</tr>
<tr>
<td>12 Italy</td>
<td>1.22</td>
<td>1.36</td>
<td>2.58</td>
</tr>
<tr>
<td>13 Japan</td>
<td>78.33</td>
<td>9.84</td>
<td>88.17</td>
</tr>
<tr>
<td>14 Korea, Rep</td>
<td>0.00</td>
<td>0.14</td>
<td>0.14</td>
</tr>
<tr>
<td>15 Mexico</td>
<td>0.00</td>
<td>0.03</td>
<td>0.03</td>
</tr>
<tr>
<td>16 Netherlands</td>
<td>6.35</td>
<td>55.01</td>
<td>61.36</td>
</tr>
<tr>
<td>17 Norway</td>
<td>1.11</td>
<td>0.50</td>
<td>1.61</td>
</tr>
<tr>
<td>18 Poland</td>
<td>0.00</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>19 Portugal</td>
<td>0.61</td>
<td>0.00</td>
<td>0.61</td>
</tr>
<tr>
<td>20 Russia</td>
<td>1.29</td>
<td>0.00</td>
<td>1.29</td>
</tr>
<tr>
<td>21 Slovakia</td>
<td>1.21</td>
<td>0.00</td>
<td>1.21</td>
</tr>
<tr>
<td>22 Slovenia</td>
<td>0.22</td>
<td>0.00</td>
<td>0.22</td>
</tr>
<tr>
<td>23 South Africa</td>
<td>1.68</td>
<td>0.00</td>
<td>1.68</td>
</tr>
<tr>
<td>24 Spain</td>
<td>0.00</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>25 Sweden</td>
<td>4.64</td>
<td>6.70</td>
<td>11.34</td>
</tr>
<tr>
<td>26 Switzerland</td>
<td>5.68</td>
<td>1.28</td>
<td>6.96</td>
</tr>
<tr>
<td>27 UK</td>
<td>9.48</td>
<td>6.32</td>
<td>15.80</td>
</tr>
<tr>
<td>28 USA</td>
<td>0.00</td>
<td>51.98</td>
<td>51.98</td>
</tr>
<tr>
<td>TOTALS</td>
<td>424.51</td>
<td>448.90</td>
<td>873.41</td>
</tr>
</tbody>
</table>

**NOTE re ENERGY Database:**

Statistics are based on percentage of INIS information in total database.
### Table 4 (Part 4) from the USA: Breakdown by Country, INIS Usage on DOE/OSTI, DIALOG and STN International in 1996.

<table>
<thead>
<tr>
<th>Country</th>
<th>Connect hours</th>
<th>Refs displayed online</th>
<th>Offline prints (incl SDI prints)</th>
<th>SDI executions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Australia</td>
<td>42</td>
<td>14,068</td>
<td>1,179</td>
<td></td>
</tr>
<tr>
<td>2 Belgium</td>
<td>8</td>
<td>1,764</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>3 Brazil</td>
<td>3</td>
<td>849</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>4 Canada</td>
<td>98</td>
<td>34,242</td>
<td>1,557</td>
<td></td>
</tr>
<tr>
<td>5 Denmark</td>
<td>9</td>
<td>2,365</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>6 Finland</td>
<td>7</td>
<td>1,883</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7 France</td>
<td>94</td>
<td>20,194</td>
<td>2,031</td>
<td></td>
</tr>
<tr>
<td>8 Hungary (trial access)</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>9 Italy</td>
<td>14</td>
<td>2,738</td>
<td>137</td>
<td></td>
</tr>
<tr>
<td>10 Japan</td>
<td>56</td>
<td>9,877</td>
<td>737</td>
<td></td>
</tr>
<tr>
<td>11 Korea, Rep</td>
<td>18</td>
<td>3,305</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>12 Mexico (trial access)</td>
<td>1</td>
<td>310</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>13 Netherlands</td>
<td>11</td>
<td>2,247</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>14 Norway</td>
<td>12</td>
<td>3,220</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>15 Spain</td>
<td>16</td>
<td>1,783</td>
<td>387</td>
<td></td>
</tr>
<tr>
<td>16 Sweden</td>
<td>36</td>
<td>7,710</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>17 Switzerland</td>
<td>7</td>
<td>2,003</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>18 UK</td>
<td>126</td>
<td>46,677</td>
<td>1,594</td>
<td></td>
</tr>
<tr>
<td>19 USA</td>
<td>2,524</td>
<td>297,448</td>
<td>11,805</td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>3,082</strong></td>
<td><strong>452,687</strong></td>
<td><strong>19,601</strong></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. Statistics are based on the percentage of INIS information in the total EDB Database.
2. DOE/OSTI's data on number of refs displayed, offline prints, and SDI executions are not included due to unavailability.
F.7  Resumption of Provision of Output Products and Services to Yugoslavia

In April 1996, the INIS Secretariat received authorization from the IAEA’s Division of External Relations to resume the provision of INIS products and services to Yugoslavia (Serbia and Montenegro), following the lifting of sanctions imposed in 1992 under UN Security Council Resolution 757. This also included resumption of the OECD/NEA Data Bank’s Computer Program Services to organizations in Yugoslavia participating in the service through the IAEA.

F.8  Non-Conventional Literature on Microfiche

i)  Ad-hoc orders (including online microfiche ordering)

External distribution:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of reports</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requested*</td>
<td>1824</td>
<td>1584</td>
<td>1761</td>
<td>2517</td>
<td>1712</td>
</tr>
<tr>
<td>Supplied*</td>
<td>1327</td>
<td>1092</td>
<td>1350</td>
<td>1503</td>
<td>1468</td>
</tr>
</tbody>
</table>

* Documents are not supplied until payment is received.

The online microfiche ordering service is used mainly in-house and externally by France (11 documents) and Switzerland (9 documents). The Clearinghouse has established an Internet address CHOUSE@NEPO1.IAEA.ORG,AT for orders and administrative questions.

In-house distribution (free) totalled 212 reports in 1996.

ii)  Yearly Standing orders

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32</td>
<td>31</td>
<td>29</td>
<td>28</td>
<td>21</td>
</tr>
</tbody>
</table>

iii)  Standing orders by prefix and/or subject category

In 1996, 730 reports were supplied to eight external customers for an amount of US $3458. The VIC Library ordered 429 reports to the value of US $2347, which were supplied free of charge as part of an interlibrary exchange programme with ETH of Switzerland.
iv) Prices

In 1996, prices for microfiche were as follows:

- Ad-hoc orders: AS 100/report
- Standing orders/prefix: AS 58/report
- Standing orders: AS 7.85/fiche
- Developing countries: AS 50/report
- Developing countries: AS 43/report

v) Cost Recovery

At the US$ exchange rate of AS 10.60 (1996), the billed cost realized through all microfiche sales amounted to US$168 500.

vi) Production

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Master (Non-US NCL) approx.</td>
<td>10 000</td>
<td>8 800</td>
<td>7 700</td>
<td>4 455</td>
<td>4 792</td>
</tr>
<tr>
<td>Copies approx. (non US)</td>
<td>3 000</td>
<td>381 000</td>
<td>270 000</td>
<td>133 650</td>
<td>168 038</td>
</tr>
<tr>
<td>Dispatched approx. (includes US)</td>
<td>493 000</td>
<td>438 000</td>
<td>453 000</td>
<td>252 988</td>
<td>246 164</td>
</tr>
<tr>
<td>Approx. no. of frames dispatched (millions)</td>
<td>29.2</td>
<td>27.2</td>
<td>24.6</td>
<td>10.7*</td>
<td>9.7</td>
</tr>
</tbody>
</table>

*) Drop coincides with phasing out of COM

F.9 Special Microfiche Production

In addition to INIS microfiche, the INIS Clearinghouse also produces, with lower priority, fiches for in-house customers (UNIDO) on a cost-recovery basis. The total volume of production during 1996 amounted to US$5142.

F.10 Clearinghouse Imaging Project

The INIS Clearinghouse staff began INIS Secretariat Imaging operations (INISIS) in early March. Images are stored in archival media and, beginning in June 1997, will be converted to CD-ROMs and disseminated to customers.
The INIS Secretariat will image about 400,000 pages a year and will receive approximately 800,000 in electronic form from the U.S. and other countries. It is anticipated that between 100-120 CD-ROMs a year will be required to disseminate this material. Further details will be provided under Agenda Item 8.

G. PROMOTION, INFORMATION AND OTHER SERVICES

G. 1 Promotion and Information

The following promotional materials were produced by the INIS Section for use at training events, exhibitions, seminars, conferences and for the use by INIS Member States for their own promotional activities, and for ad-hoc distribution:

I. "INIS Periodic Report 1995"
II. "Development of INIS - Highlights" (a special supplement to the INIS Periodic Report 1995 giving highlights of INIS history);
III. "INIS Fact Sheets" (updated);
IV. "Presenting INIS" (completely new English version released, Russian and Spanish translations in progress);
V. INIS Homepage (completed, Internet link activated);
VI. INIS Exhibit Stands (permanent stand in constant use as in-house promotional display; the expanded stand was set up and manned by INIS staff at the IAEA General Conference in September and the International Conference on one Decade After Chernobyl: Summing Up the Consequences of the Accident in April, both held at the Vienna International Conference Centre;
VII. INIS Newsletter (resumed, Issue No. 51/October 1996)

In addition, the following promotional materials are under development:

I. INIS Video Film (a completely new INIS promotional film which will also be available in CD ROM form is in production and will be shown under Agenda Item 4);
II. INIS Photo Archive (an initial study was commissioned by INIS and performed by the Systems Development Section of Computer Services);
III. INIS Poster (a new poster design was commissioned by an external graphics designer/artist.)
IV. Database Directories (updates on INIS data sent to Directory of Professional Databases, Gale Directory of Databases Directory of Information Resources Online, etc);
V. UN Catalogue (contribution sent on INIS on CD-ROM to the UN Catalogue of Electronic Products)

INIS External Promotional Events:

Promotion of INIS at the international seminar "Information in the Power Sector - INFOENERGO '96", Liptovsky Jan, Slovakia, from 27 to 31 May 1996;
Promotion of INIS at a seminar on IAEA activities in Nuclear Safety and Information Services for staff of NPP Dukovany, Dukovany, Czech Republic, 29 November 1996;

Promotion of INIS at a seminar organized by the Faculty of Natural Sciences, Comenius University, Bratislava, Slovak Republic, 4 December 1996;

**INIS In-house Promotion Programme:** during the timeframe April through October 1996, INIS provided in-house promotion on four occasions, as well as at the General Conference in September 1996:

- International Conference on One Decade After Chernobyl: Summing up the Consequences of the Accident
- International Symposium on Experience in the Planning and Operation of Low Level Waste Disposal Facilities
- FAO/IAEA Symposium on the Use of Nuclear and Related Techniques for Studying Environmental Behaviour of Crop Protection Chemicals
- Symposium on Reviewing the Safety of Existing Nuclear Power Plants

**Information via e-mail:** the Centre Services Unit of the INIS Section receives and responds to a steady flow of e-mail from Member States requesting information on INIS and access possibilities.

**G. 2 Electronic Information Exchange**

The address of the IAEA FTP server is "nesihp04.iaea.or.at". Access to the INIS directory is password protected. There is one main directory and four subdirectories that contain information for INIS users:

- / (main) INIS Atomindex and Authority files
- /reference INIS Reference Series manuals
- /mfhead Microfiche header information
- /fibre Latest release of WinFIBRE and DOS-FIBRE
- /tools UNIX and DOS tools
The following lists are not complete but serve to draw attention to particular files.

In the / (main) directory:

- atVVSSII.zip: Atomindex file with two issues SS and II of volume VV
- atmVVSS.zip: Atomindex file with issue SS of volume VV
- ccVVSS.zip: INIS corporate authority (with country codes) corresponding to volume VV issue SS of Atomindex file
- cnVVSS.zip: INIS corporate authority (with country names) corresponding to volume VV issue SS of Atomindex file
- jallVVSS.zip: INIS journal authority (longer version) corresponding to volume VV issue SS of Atomindex file
- jtilVVSS.zip: INIS journal authority (shorter version) corresponding to volume VV issue SS of Atomindex file
- thes.zip: file with the latest version of the INIS Thesaurus
- thes.trm: INIS Thesaurus file format description

In the /reference subdirectory:

- inis1.zip: IAEA-INIS-1 INIS: Guide to Bibliographic Description (WordPerfect)
- inis7.zip: IAEA-INIS-7 INIS: Specifications for Machine-readable Data Exchange (Word 6.0)
- inis12.zip: IAEA-INIS-12 INIS: Manual for Subject Analysis (WordPerfect)
- winfibre_m.zip: WinFIBRE User's Manual (Word 6.0)

In the /fibre subdirectory:

- in /fibre/windows/: the February 1997 release of WinFIBRE 1.0
- in /fibre/dos/: the February 1997 release of DOS-FIBRE 2.1
II. OECD/NEA DATA BANK’S COMPUTER PROGRAM SERVICE TO NON-OECD MEMBERS THROUGH THE IAEA: REPORT FOR 1996

II.1 Introduction

As part of the co-operative arrangement between the IAEA and the OECD/NEA, the NEA provides its computer programs to IAEA Member States that are not Members of the OECD. The liaison function between OECD/NEA, IAEA and Member States is vested in the INIS Secretariat. Under this arrangement one INIS Secretariat staff member works as a computer programmer at the NEA Data Bank, to check and provide program packages to users at the IAEA and at participating institutions in IAEA Member States that are non-OECD Members.

NEA Data Bank services are financed by contributions from its Member Countries, and no direct charge for the services is made to users.

The agreement takes the following forms: assisting new organizations to participate in the Computer Program Service; publicising OECD/NEA benchmarks, conferences and seminars to these and other organizations; nominating their scientists to attend and channelling the participation forms to OECD/NEA. Based at Issy-les-Moulineaux (France), the Computer Program Service serves scientific users authorised by Member Countries and belonging to over 500 organizations: national laboratories, universities and safety authorities.

In 1996 the Czech Republic and Hungary joined the NEA Data Bank. These two countries will no longer access the Computer Program Service through the co-operative arrangement between IAEA and OECD/NEA.

II.2 Acquisition of New Programs

In 1996 the number of computer programs received from non-OECD Member Countries increased as compared with 1995. In 1995, 21 programs were received out of 158, as compared to 27 programs out of 114 in 1996. The contributing countries are shown in Table 1. Figure 1 shows the program acquisition by subject category.

<table>
<thead>
<tr>
<th>Contributor (non-OECD Member)</th>
<th>Number of Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>1</td>
</tr>
<tr>
<td>China, PR</td>
<td>1</td>
</tr>
<tr>
<td>Israel</td>
<td>1</td>
</tr>
<tr>
<td>Lithuania</td>
<td>2</td>
</tr>
<tr>
<td>Slovenia</td>
<td>2</td>
</tr>
<tr>
<td>IAEA</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>27</strong></td>
</tr>
</tbody>
</table>

Table 1: Non-OECD Members contributing Computer Programs in 1996.
In all, 497 packages out of a total of 1837 were distributed to 27 non-OECD countries. During 1995, 216 packages out of 1523 were distributed. This represents an increase of more than 100%. This increase is partly due to the Workshop on Nuclear Reaction Data and Nuclear Reactors, Physics, Design and Safety held last May at the International Centre for Theoretical Physics (ICTP). This workshop is organized every two years by the Nuclear Data Section of the IAEA and the ICTP. As part of the co-operative arrangement with IAEA, the Data Bank provides the computer programs used during the workshop. This year 55 persons from 27 countries attended the workshop and used 25 programs. During the workshop about 200 requests were registered.

It is expected that the number of codes distributed to non-OECD countries during the current year (1997) will be about 200 fewer. Table 2 shows the number of programs sent to each non-OECD Member Country that placed requests in 1996. Figure 2 shows the program dispatches by requestor type. Figure 3 shows the program dispatches by subject categories.
### Table 2: Computer Programs dispatched to non-OECD Members in 1996.

<table>
<thead>
<tr>
<th>Requester (non-OECD Member)</th>
<th>Number of Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algeria</td>
<td>25</td>
</tr>
<tr>
<td>Argentina</td>
<td>6</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>28</td>
</tr>
<tr>
<td>Brazil</td>
<td>31</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>57</td>
</tr>
<tr>
<td>China, PR</td>
<td>6</td>
</tr>
<tr>
<td>Cuba</td>
<td>21</td>
</tr>
<tr>
<td>Egypt</td>
<td>26</td>
</tr>
<tr>
<td>Ghana</td>
<td>5</td>
</tr>
<tr>
<td>India</td>
<td>76</td>
</tr>
<tr>
<td>Indonesia</td>
<td>3</td>
</tr>
<tr>
<td>Iran</td>
<td>24</td>
</tr>
<tr>
<td>Israel</td>
<td>2</td>
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<tr>
<td>Jordan</td>
<td>3</td>
</tr>
<tr>
<td>Morocco</td>
<td>5</td>
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<td>Nigeria</td>
<td>27</td>
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<td>Pakistan</td>
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<td>Poland</td>
<td>1</td>
</tr>
<tr>
<td>Romania</td>
<td>38</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>28</td>
</tr>
<tr>
<td>Slovakia</td>
<td>5</td>
</tr>
<tr>
<td>Slovenia</td>
<td>8</td>
</tr>
<tr>
<td>South Africa</td>
<td>18</td>
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<tr>
<td>Syria</td>
<td>23</td>
</tr>
<tr>
<td>Ukraine</td>
<td>2</td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>7</td>
</tr>
<tr>
<td>Yugoslavia</td>
<td>6</td>
</tr>
<tr>
<td>IAEA</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>497</strong></td>
</tr>
</tbody>
</table>
Figure 2: Program Dispatches by Requestor Type (Total Number is 497).

Figure 3: Program Dispatches by Subject Categories (Total Number is 497).
The number of programs distributed originating in non-OECD Members during 1996 increased by 80%. There were 235 during 1995 and 425 during 1996. Table 3 shows the details. Figure 4 shows the evolution over time of program distribution.

<table>
<thead>
<tr>
<th>Originator (non-OECD Member)</th>
<th>Number of Programs</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<td>Brazil</td>
<td>5</td>
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<td>9</td>
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<td>Croatia</td>
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<tr>
<td>Cuba</td>
<td>2</td>
</tr>
<tr>
<td>India</td>
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<tr>
<td>Iran</td>
<td>1</td>
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<tr>
<td>Israel</td>
<td>3</td>
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<tr>
<td>Lithuania</td>
<td>2</td>
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<tr>
<td>Myanmar</td>
<td>7</td>
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<tr>
<td>Romania</td>
<td>12</td>
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<tr>
<td>Russian Fed.</td>
<td>13</td>
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<tr>
<td>Slovakia</td>
<td>1</td>
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<tr>
<td>Slovenia</td>
<td>89</td>
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<tr>
<td>South Africa</td>
<td>5</td>
</tr>
<tr>
<td>Syria</td>
<td>1</td>
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<tr>
<td>Viet Nam</td>
<td>2</td>
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<tr>
<td>IAEA</td>
<td>264</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>425</strong></td>
</tr>
</tbody>
</table>

Table 3: Computer Programs originating in Non-OECD Member Countries and distributed in 1996

**Figure 4:** Evolution over Time of Program Distribution.
I. TRAINING, TC, FELLOWSHIP AND TC PROJECT SUPPORT

1996 was a good year for training in INIS. Fifty four Member States (56%) and eighty four participants received some kind of training during the year. The training involved either individual participation available through three different formal course offerings or a fellowship or scientific visit to the Secretariat, and/or one or more INIS centers.

1.1 INIS Training Seminar

An INIS Training Seminar was held in Vienna from 9-13 December 1996. The Seminar was attended by thirty nine participants from the following thirty eight countries: Austria; Argentina; Bangladesh; Bulgaria; China; Colombia; Croatia; Cuba; Cyprus; Estonia; France; Ghana; Hungary; India; Indonesia; Jordan; Lebanon; Libya; Lithuania; The former Yugoslav Republic of Macedonia; Mexico; Mongolia; Myanmar; Norway; Pakistan; Poland; Romania; Singapore; Slovakia; South Africa; Spain; Sudan; Tunisia; Turkey; Ukraine; Yemen; Yugoslavia; and Zambia. Thirteen participants attended the Bibliographic Description Course; fifteen the Subject Analysis Course; and eleven the Online Database and CD-ROM Course.

1.2 INIS PC-Based Training Package

Dean Associates, Sheffield, UK, has been continuing work on the INIS PC-Based Training Package during 1996. The package is designed for individualized beginner training in INIS Centres. Nineteen INIS Centers received a draft of the Package on CD-ROM in 1996, reviewed it and provided feedback to INIS. The Package was revised to incorporate this feedback. The English version of the Package will be distributed to INIS Centers in the first quarter of 1997. The French and Spanish INIS centres have generously offered to translate the text of the audio part of the package and the French and Spanish versions will be distributed later in 1997.

1.3 Technical Co-Operation (TC) Regional Workshops

In cooperation with the IAEA Department of Technical Co-Operation (TC), INIS sponsored two Regional Workshops in 1996. Through these workshops thirty INIS Center staff from twenty Member States received classroom training and practical application.

A Regional (RCA) Workshop on Nuclear Information Systems was held for the Asia and Pacific Regions in Kuala Lumpur, Malaysia 18-29 March 1996. It was jointly organized by the IAEA and the Malaysian Institute for Nuclear Technology Research (MINT). The Workshop included sessions on INIS Output Products and Services; Promotion; Management and Organization of Modern Information Centers; Collection and Selection of INIS Input; Bibliographic Description; Subject Analysis and Database Search and Retrieval. Twelve participants from the following ten Member States attended: Bangladesh; China; India; Indonesia; Korea; Malaysia; Pakistan; Philippines; Sri Lanka and Vietnam.

A Regional Workshop on Nuclear Information Systems was held for the West Asia Region in Damascus, Syria 17-21 November 1996. It was organized by the IAEA in cooperation
with the Government of the Syrian Arab Republic through the Atomic Energy Commission of Syria. The Workshop included lectures and practical exercises on: Overview of IAEA TC Department; Principles of Information Management; INIS As A Nuclear Information System; INIS Subject Scope; INIS Database; Guidelines for Submitting Information; INIS Products, Services and Promotion and Opportunities for Regional Cooperation. The group also visited the National Information Center (NICE), the Syrian National Library and the Library and Documentation Division of the Atomic Energy Commission. The Workshop was attended by eighteen participants from eight countries: Iran; Jordan; Kazakhstan; Lebanon; Saudi Arabia; Syria; Uzbekistan and Yemen.

1.4 TC-sponsored Donation of used IAEA PCs to National INIS Centres

Shipment was completed of 109 surplus/used complete computer configurations from the IAEA made available to INIS centres of developing countries through the instigation of the INIS Secretariat for the preparation of national input to the INIS Database. A further consignment of 25 surplus/used PC systems has been assigned and is awaiting shipment.

1.5 IAEA Fellowships and Scientific Visits

During 1996 there were seventeen individuals representing fourteen Member States who enjoyed INIS-related fellowships and scientific visits. These were:

<table>
<thead>
<tr>
<th>DATE</th>
<th>INDIVIDUAL AND MEMBER STATE</th>
<th>MEMBER HOST</th>
</tr>
</thead>
<tbody>
<tr>
<td>February</td>
<td>Mr. Joel RAJOBELISON, Madagascar</td>
<td>IAEA</td>
</tr>
<tr>
<td>April</td>
<td>Ms. Janna KOURGHINIAN, Armenia</td>
<td>IAEA</td>
</tr>
<tr>
<td></td>
<td>Ms. Elena V. KHARITONOVICH, Uzbekistan</td>
<td>IAEA</td>
</tr>
<tr>
<td></td>
<td>Mr. Anvar AVEZOV, Uzbekistan</td>
<td>IAEA</td>
</tr>
<tr>
<td>April-June</td>
<td>Mr. Yu ZHOA, China</td>
<td>IAEA; Austria</td>
</tr>
<tr>
<td>May</td>
<td>Ms. SIBBUKU, Zambia</td>
<td>IAEA</td>
</tr>
<tr>
<td></td>
<td>Mr. ISYAKA, Nigeria</td>
<td>IAEA</td>
</tr>
<tr>
<td>July-August</td>
<td>Mr. Vladimir IVANYUKOVICH, Belarus</td>
<td>IAEA; Austria</td>
</tr>
<tr>
<td></td>
<td>Ms. Marija SEJMENOVA-GICEVSKA, The Former Yugoslav Rep. of Macedonia</td>
<td>IAEA; Austria</td>
</tr>
<tr>
<td>Sept.- October</td>
<td>Ms. Iglika MITEVA, Bulgaria</td>
<td>Denmark, France</td>
</tr>
<tr>
<td>October</td>
<td>Ms. Ana E. REBELLATO RODRIGUEZ, Uruguay</td>
<td>Brazil</td>
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<td></td>
<td>Ms. Hilde ROHLAND, Chile</td>
<td>IAEA</td>
</tr>
<tr>
<td></td>
<td>Mr. Humberto P. LOPEZ, Uruguay</td>
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</tr>
<tr>
<td></td>
<td>Ms. Najat AYOUB, Lebanon</td>
<td>Syria</td>
</tr>
<tr>
<td>November-December</td>
<td>Ms. Aline GHAYA, Lebanon</td>
<td>Syria, Austria, IAEA</td>
</tr>
<tr>
<td>December</td>
<td>Ms. Ilge MAALMANN, Estonia</td>
<td>IAEA</td>
</tr>
<tr>
<td></td>
<td>Ms. Amal HABIB, Lebanon</td>
<td>Denmark, France, Switzerland</td>
</tr>
</tbody>
</table>
The following IAEA Technical Cooperation Projects were worked on in 1996:

<table>
<thead>
<tr>
<th>National Projects</th>
<th>Project No.</th>
<th>Activity</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belarus</td>
<td>BYE/0/002</td>
<td>Establishment of INIS centre</td>
<td>ongoing</td>
</tr>
<tr>
<td>Lebanon</td>
<td>LEB/0/004</td>
<td>National INIS centre</td>
<td>ongoing</td>
</tr>
<tr>
<td>Kazakstan</td>
<td>KAZ/0/002</td>
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<td>to start in 1997</td>
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<tr>
<td>Uzbekistan</td>
<td>UZB/0/002</td>
<td>Establishment of INIS centre</td>
<td>to start in 1997</td>
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<table>
<thead>
<tr>
<th>Regional Projects</th>
<th>Project No.</th>
<th>Activity</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>East Asia and Pacific</td>
<td>RAS/0/019</td>
<td>Nuclear Information System (RCA)</td>
<td>ongoing</td>
</tr>
<tr>
<td>West Asia</td>
<td>RAW/0/003</td>
<td>Establishing national and regional INIS capabilities</td>
<td>ongoing</td>
</tr>
<tr>
<td>Europe</td>
<td>RER/0/011</td>
<td>Establishing INIS capabilities in the NIS</td>
<td>ongoing</td>
</tr>
</tbody>
</table>

1.6 1997 Training

There will be a TC-sponsored Interregional training course on “INIS Electronic Input and Dissemination” for the Africa and Latin American Regions to be held in Rio de Janeiro, Brazil, 3-14 November 1997. A Regional training course for INIS Centers in the European Region is under consideration for early September.
<table>
<thead>
<tr>
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<th>Number of Participants with Scientific Visits</th>
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<td>Totals</td>
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</tr>
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</table>
J. INIS COMPUTER SUPPORT- JUNE 1996 TO APRIL 1997

At present the INIS Computer Support Group consists of five programmers. One Temporary Assistance staff is working on the new INIS Data Processing System project. In addition, the Systems Development Section staff are providing computer support for INIS development projects and database administration in the range 400 staff days. Nearly all of it has been spent on the INIS Data Processing System project.

The Group is working in accordance with the recommendations made by the Liaison Officers and based upon the approved action plan of the INIS section for 1996/1997. For the period under review the Group has provided support of the majority of the INIS development projects in particular - new INIS Data Processing System, FIBRE Enhancement, INIS Home Page, Clearing House Imaging System, Electronic Information Exchange, INIS Electronic Reference Series etc. The CPG group has supported all INIS production systems and has ensured smooth INIS operations for this period.

The main project remains the development of the INIS Data Processing System (IDPS). In accordance with the project plan the first phase of the project, implementation of the INIS Record Processing Subsystem (IRPS), should have been completed in 1996. But the first version of IRPS was rejected by INIS staff during acceptance testing of the system. The main reasons for rejection were the poor performance of the system and lack of several important functions. It has been decided to re-design the IRPS interface and architecture of IRPS. The new interface is based on four INIS specialist roles, namely non-conventional literature specialist, bibliographic specialist, journal specialist and subject specialist. The architecture of IRPS is now under investigation, but most probably the Multi-Tier Client/Server architecture will be selected.

In accordance with the new project plan the INIS Record Processing Subsystem should be implemented by November 1997. The second phase of the project that includes the development of the INIS Input Registration Subsystem, the INIS Ordering Subsystem and INIS Quality Checking Expert System has been postponed until next year.
K. ACTIONS AND RECOMMENDATIONS OF THE TWENTY FOURTH CONSULTATIVE MEETING OF INIS LIAISON OFFICERS, KYOTO, JAPAN, 28-31 MAY 1996

Decisions and Recommendations

The Liaison Officers:

Agenda item 12a: Questionnaire results from inputting centres on the cost of input preparation

1. commended the INIS Secretariat for its efforts in the compilation of the questionnaire to determine the breakdown of the costs of input preparation and in the analysis of the results as a basis for discussions of possible changes in INIS input procedures to reduce the cost of input preparation.

2. recommended that the use of “Q” labels on descriptors be discontinued with the cessation of production of the printed INIS Atomindex, but some of the Liaison Officers reaffirmed the importance of “M”-labelled descriptors to users of the Database.

3. requested the INIS Secretariat to accord high priority to increasing the maximum permitted length of abstracts in the Database to facilitate the use of abstracts obtained electronically.

Action:

The matter was discussed by the 2nd Joint INIS/ETDE Technical Committee where the following decision was made: maximum permitted length of abstract 5,000 characters, maximum permitted length per record 32,000 characters. The changed rule will become effective at the end of 1997 when production of the printed Atomindex will be discontinued and an INIS Circular Letter informing Members of the change will be sent out by September 1997.

4. requested the forthcoming joint INIS/ETDE Technical Committee Meeting to consider a reduction in the complexity of the hierarchy of the INIS subject categories from the present five levels to three.
Action:

Three proposals concerning the reduction of the hierarchy of the INIS subject categories from five to four or three levels were presented by the INIS Secretariat at the 2nd Joint INIS/ETDE Technical Committee Meeting (28-30 October 1996, Oak Ridge). The majority of the Members did not see a benefit in changing the classification scheme from five to three levels unless a common INIS/ETDE scheme is adopted. It was proposed to prepare a new common scheme, trying to maintain the continuity of the current scheme. The new scheme will be discussed under Agenda Item 12 of the present meeting.

5. requested the Secretariat to continue to enhance the FIBRE software for input preparation, for example to make use of emerging tools for machine-assisted indexing.

Agenda item 12b: Revision of INIS record structure and cataloguing rules

6. requested the INIS Secretariat to proceed with its proposed study of possible revisions to the INIS record structure and cataloguing rules but stressed that proposed changes should not have a detrimental effect on retrieval from the INIS Database.

7. emphasized that the revised record structure and cataloguing rules should show a high degree of compatibility both with the present Database structure and with the system to be introduced for storing and retrieving non-conventional literature.

8. suggested that a cost/benefit analysis of possible changes be performed, and requested that this analysis include the costs of, for example, reprogramming and training in the inputting centres as well as at the INIS Secretariat.

Action for 6-8:

See Agenda Item 9 for the present meeting.

Agenda item 12c: Possible decentralization of maintenance of the Corporate Authority file

9. requested the INIS Secretariat to simplify the rules governing the standardization of corporate entries, with the revision in the rules to be completed before the start of INIS Atomindex Volume 29 (late 1997), and proposed that the revision be discussed at the forthcoming joint INIS/ETDE Technical Committee Meeting.

10. agreed that maintenance of the Corporate Authority file could be decentralized when the revised rules have been implemented, with the understanding that the National INIS Centres will maintain the accuracy of their national files for corporate entries and submit updates periodically to the INIS Secretariat for compilation and distribution to all interested INIS Members.

11. asked the INIS Secretariat to review and suggest software that could be made available to National INIS Centres to facilitate their maintenance and updating of national corporate entries.
Action for 9-11:

See Agenda Item 11 for the present meeting.

Agenda item 12d: Use of ISDS and its regional focal points in the maintenance of the Journal Authority file

12. urged National INIS Centres to continue trying to obtain ISSN numbers for journals through their respective national or regional ISDS focal points, but suggested that if there are financial or administrative obstacles the INIS Secretariat should request the assignment of ISSN numbers from the ISDS headquarters.

Action:

The address of the respective ISSN national centre was sent to 59 Liaison Officers in July 1996.

Agenda item 12e: Implications for the INIS subject scope of the review of IAEA interests and activities

13. reaffirmed that the INIS Database is multi-disciplinary and mission-oriented and that its scope should continue to reflect the interests and activities of the IAEA and the Database users, and emphasized that the needs of Database users should be borne in mind in any considerations of modifications to the Database scope.

14. congratulated the Secretariat for its comparison of the INIS subject scope with the fields of interest and activities of the IAEA and noted the implications for the INIS scope but recommended that the areas of the INIS scope dealing with basic science not be deleted from the INIS subject scope.

15. suggested instead that these areas, especially the categories in the “B1”, “B2”, “G1”, “G2” and “G6” groups, be redefined to concentrate on actual or potential nuclear applications or on radiation effects; some Members suggested that the Secretariat consider also possible revisions to the areas covered by the “C60”, “D”, “E16” and “F20” groups of categories.

16. suggested that the “F” categories, covering “Other aspects” of the subject scope, be expanded to reflect new areas of IAEA interest, for example in extended safeguards and verification activities.

17. concurred with the Secretariat’s proposed time-scale for the scope revision and that a draft of the revised subject scope could be discussed at the next Consultative Meeting of INIS Liaison Officers.
Action for 13-17

*A draft of IAEA-INIS-3 with redefined scope descriptions has been prepared for submission to the 3rd Joint INIS/ETDE Technical Committee Meeting and the current Consultative Meeting of INIS Liaison Officers. It is attached as Attachment 3.*

18. requested the INIS Secretariat to initiate a study to determine Database usage in different subject areas of the INIS scope.

Action:

*No action taken due to lack of resources.*

19. endorsed the INIS direction to serve as a transparent gateway to other databases, including IAEA databases, containing information of nuclear relevance not included in INIS.

Action:

*Work initiated by including links to potential sources of nuclear information through the INIS Home Page.*

Agenda item 12f: Inclusion in the INIS Database of records within INIS scope but not satisfying strictly all INIS rules for input

20. affirmed that efforts to pursue agreements with primary and secondary publishers to improve the comprehensiveness of the INIS Database should continue.

21. noted that electronic records received from primary and secondary publishers should be adapted by the responsible National INIS Centre to conform with INIS rules. In particular, Centres should provide the added intellectual effort to select items within the INIS scope and assign appropriate descriptors, etc.

22. requested the INIS Secretariat to continue to facilitate agreements between primary and secondary publishers and National INIS Centres.

23. recognized that reaching agreement with primary and secondary publishers may be complicated by issues relating to copyright, intellectual property and cost.

Action for 20-23:

*The INIS Secretariat has continued to pursue possible agreements with primary and secondary publishers to facilitate the task of national centres in providing complete coverage of their national nuclear literature. At the time of this writing negotiations are well advanced with a very large publisher having operations in a number of member countries to obtain in electronic form bibliographic records to the nuclear literature it publishes.*
Technical Solutions for handling non-INIS Thesaurus terminology

24. reaffirmed that a high quality Thesaurus is important to INIS and that the terminology of the Thesaurus should continue to reflect the subject scope of the INIS Database.

25. requested the INIS Secretariat to continue working closely with the Operating Agent of the ETDE to resolve differences in the interpretation of terminology common to both thesauruses and in all matters relating to the introduction of new terminology but felt that the Thesaurus Reconciliation Project should cease by the end of 1996.

26. endorsed the Secretariat's proposals to introduce software “filters” based on electronic copies of non-INIS thesauruses and concurred that non-INIS terms and their broader terms taken from non-INIS thesauruses be included in the electronic INIS output products.

Action:

Programming of the software “filters” is underway and the initial phases of the code are currently being tested.

27. felt that consideration should be given to reducing the number of accepted terms in the INIS Thesaurus by deleting infrequently used terms and requested the Secretariat to do this in collaboration with the Operating Agent of the ETDE.

Action:

The number of accepted terms in the INIS Thesaurus was reduced last year by 556 by deletion of infrequently used terms. All changes were made after extensive consultation with the Operating Agent of the ETDE. Work on the reduction of the Thesaurus terminology is continuing.

28. encouraged the use of “free terms” in INIS input for inclusion in the electronic INIS output products in Tag 811.

Action:

INIS Circular Letter No. 153, dated 4 February 1997, describes the inclusion of the “free text” terms in INIS records and gives guidance for the use of this new facility.

Agenda item 12g: New INIS electronic products

29. applauded the Secretariat's initiative in the production of the electronic INIS Reference Series on CD-ROM, requested the Secretariat to continue working towards the inclusion of all parts of the INIS Reference Series on CD-ROM and suggested that the final product be updated quarterly and distributed to all Liaison Officers.
Action:

The INIS Reference Series is being produced on CD-ROM and will be demonstrated at this meeting.

30. welcomed the suggestion of producing CD-ROMs containing subsets of the INIS Database by subject area subject to the results of the Database usage study.

Action:

This suggestion will be considered when resources and time become available.

31. proposed that updates to the INIS Database be disseminated by means of electronic mail and FTP, and that such updates be treated as an official output product of INIS.

Action:

At the end of June 1996, the INIS Secretariat established an FTP Service for the distribution of INIS Atomindex files, and INIS Members were informed accordingly. Twice per month all INIS Liaison Officers with Internet addresses are informed of the availability of new Atomindex file(s) on the IAEA's FTP server. For those Liaison Officers who do not have the FTP facility, each file is sent as an attachment to an e-mail, at the same frequency of twice per month.

The availability of INIS data online to cover the gap between successive CD-ROM updates is under consideration and will be discussed during the meeting (Agenda Item 14).

Agenda item 12h: Production and use of full text non-conventional literature in electronic form

32. agreed to place barcodes on paper copies of non-conventional literature before sending this material to the INIS Secretariat.

Action:

With Technical Note No. 120 a survey was held for all inputting centres. 43 centres responded, of which 38 agreed to place barcodes on their input. INIS developed software to generate barcodes and disseminated this to all centres, with instructions for use. Preprinted barcodes were sent to those centres that requested them.

33. felt that INIS should continue to accept and store complete documents of non-conventional literature even when portions of them lie outside the INIS scope.
Action:

Documents will be processed in their entirety.

34. concurred that inputting centres submitting non-conventional literature electronically would send both bibliographic records and full texts simultaneously, but noted that centres submitting paper copies of non-conventional literature could continue to send this literature separately from the corresponding bibliographic records but at the same time.

35. felt that there is a requirement for further investigation of procedures for preparation and transmission of electronic documents and the associated standards.

Action:

This related primarily to SGML documents. However, the only documents being received electronically are in the standard TIFF format. We have no indications that other formats will be sent within the near future. The INIS Imaging System will be modified to accept new formats when they become available. We can, of course, print any format to hardcopy and then convert the document into a TIFF image for processing.

36. requested the INIS Secretariat to prepare a legal document describing as exactly as possible the distribution and usage of documents foreseen by and allowed to the INIS Secretariat and INIS users and to offer the document to INIS Members to authorize them to obtain the rights to use full text information on behalf of the IAEA.

Action:

With INIS Information Letter No. 137, dated 1997-02-21, the Distribution Policy Statement of the Agency for distribution of the full text of non-conventional literature was made available to all Liaison Officers. The matter will be discussed under Agenda Item 15 of the present meeting.